

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	109	defect AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/21 16:48
S2	63	analysis AND defect AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/21 16:49
S3	0	transient power supply AND analysis AND defect AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/21 16:50
S4	51	power supply AND analysis AND defect AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/21 17:00
S5	40	fault AND power supply AND analysis AND defect AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/21 16:51
S6	40	current AND fault AND power supply AND analysis AND defect AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/21 16:50
S7	37	potential AND current AND fault AND power supply AND analysis AND defect AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/21 16:51

## EAST Search History (Prior Art)

S8	9	voltage AND current AND fault AND power supply AND analysis AND defect AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/21 16:51
S9	9	current AND voltage AND current AND fault AND power supply AND analysis AND defect AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/21 16:51
S10	2	"6043672".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/22 09:34
S11	11	current AND voltage AND current AND fault AND power supply AND analysis AND defect\$3 AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/28 14:56
S12	27	current AND voltage AND fault AND defect\$3 AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/28 14:57
S13	11	fault location AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/28 15:23
S14	14	(fault location   defect\$3 signal\$1) AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/28 15:23

## EAST Search History (Prior Art)

S15	5	((("IC" OR integrated circuit)   (semiconductor OR semi-conductor)) AND (fault location   defect\$3 signal\$1) AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404"))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/28 15:34
S16	189433	(ishida.in.   yamaguchi.in.   hashimoto.in.)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/28 15:35
S17	36	(ishida.in.   yamaguchi.in.   hashimoto.in.) AND fault AND defect\$3 AND analysis AND ("IC"   integrated circuit   semi\$1conductor)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/28 15:36
S18	205	((("IC" OR integrated circuit)   (semiconductor OR semi-conductor)) AND (fault location   defect\$3 signal\$1) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404"))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/28 15:41
S19	698	(fault location   defect\$3 signal\$1) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404"))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/28 15:41
S20	278	current AND voltage AND fault AND defect\$3 AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404"))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/28 15:41
S21	77	current AND voltage AND current AND fault AND power supply AND analysis AND defect\$3 AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404"))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/28 15:42

## EAST Search History (Prior Art)

S22	8	signal\$1 AND fault AND current AND voltage AND (fault location   defect\$3 signal\$1) AND power supply AND analysis AND defect\$3 AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/28 15:43
S23	8	signal\$1 AND fault\$1 AND current AND voltage AND (fault location   defect\$3 signal\$1) AND power supply AND analysis AND defect\$3 AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/28 15:43
S24	26	(ishida.in.   yamaguchi.in.   hashimoto.in.) AND fault AND defect\$3 AND analysis AND ("IC"   integrated circuit) AND (semi\$1conductor)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/28 15:48
S25	66	(stor\$3   memory   medium   media) AND current AND voltage AND current AND fault AND power supply AND analysis AND defect\$3 AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.) AND (@pd<"20000404" or @ad<"20000404" or @prad<"20000404" or @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/28 15:59
S26	2	"6043672".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/28 16:40
S27	64	transient AND voltage AND current AND fault AND power supply AND analysis AND defect\$3 AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/08 15:32

## EAST Search History (Prior Art)

S28	20	transient current AND voltage AND current AND fault AND power supply AND analysis AND defect\$3 AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/08 15:49
S29	6	transient current AND time AND integral AND voltage AND current AND fault AND power supply AND analysis AND defect\$3 AND ("IC" OR integrated circuit) AND (semiconductor OR semi-conductor) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/08 15:49
S30	13	transient current AND time AND integral AND voltage AND current AND (fault   defect\$3) AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 17:11
S31	8	(CMOS   complementary metal oxide semiconductor ) AND transient current AND time AND integral AND voltage AND current AND (fault   defect\$3) AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 17:12
S32	8	(CMOS   complementary metal oxide semi\$1 conductor   complementary symmetry metal oxide semi\$1 conductor) AND transient current AND time AND integral AND voltage AND current AND (fault   defect\$3) AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 17:12

## EAST Search History (Prior Art)

S33	6	(CMOS   complementary metal oxide semi\$1 conductor   complementary symmetry metal oxide semi\$1 conductor) AND transient AND time AND (sum NEAR integral) AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 17:15
S34	6	transient AND time AND (sum NEAR integral) AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 17:16
S35	6	transient AND time AND (sum NEAR integral) AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 17:16
S36	7	transient AND time AND (sum NEAR integral) AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 17:16
S37	256	transient AND time AND (sum   total   talley) AND integral AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 17:17
S38	56	(CMOS   complementary metal oxide semi\$1 conductor   complementary symmetry metal oxide semi\$1 conductor) AND transient AND time AND (sum   total   talley) AND integral AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 17:17

## EAST Search History (Prior Art)

S39	10	(CMOS   complementary metal oxide semi\$1 conductor   complementary symmetry metal oxide semi\$1 conductor) AND transient AND time AND (sum   total   talley) AND (time NEAR integral) AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 17:17
S40	10	(CMOS   complementary metal oxide semi\$1 conductor   complementary symmetry metal oxide semi\$1 conductor) AND transient AND tim\$3 AND (sum   total   talley) AND (time NEAR integral) AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 17:18
S41	69	(CMOS   complementary metal oxide semi\$1 conductor   complementary symmetry metal oxide semi\$1 conductor) AND transient AND time AND integral AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 10:17
S42	58	(test pattern   test criteri\$2) AND (points   data sets   measurements) AND transient AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 10:35
S43	85	(test pattern   test criteri\$2   test set) AND (points   data sets   measurements) AND transient AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 11:06

## EAST Search History (Prior Art)

S44	26	abnormal\$3 AND (test pattern   test criteri\$2   test set) AND (points   data sets   measurements) AND transient AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 11:07
S45	56	fault\$3 AND (test pattern   test criteri\$2   test set) AND (points   data sets   measurements) AND transient AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 11:08
S46	23	fault\$3 AND abnormal\$3 AND (test pattern   test criteri\$2   test set) AND (points   data sets   measurements) AND transient AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 11:08
S47	23	fault\$3 AND abnormal\$3 AND (test pattern   test criteri\$2   test set) AND (points   data sets   measurements) AND transient AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20040217" or @ad<"20040217" or @prad<"20040217" or @rlad<"20040217")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 11:13
S48	8	"5943346".pn.   "5505539".pn.   "5864566".pn.   "4646299".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 11:16
S49	2	"6717428".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 16:43



## EAST Search History (Prior Art)

S50	12	fault\$3 AND abnormal\$3 AND (test pattern   test criteri\$2   test set) AND (points   data sets   measurements) AND transient AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 14:23
S51	33	fault\$3 AND (test pattern   test criteri\$2   test set) AND (points   data sets   measurements) AND transient AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 14:24
S52	43	fault\$3 AND (test NEAR (pattern   criteri\$2   set)) AND (point\$1   data set\$1   measurement\$1) AND transient AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 14:24
S53	14	(anomaly   abnormal\$3) AND fault\$3 AND (test NEAR (pattern   criteri\$2   set)) AND (point\$1   data set\$1   measurement\$1) AND transient AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 14:25
S54	47	fault\$3 AND (test NEAR (pattern   criteri\$2   set   signature)) AND (point\$1   data set\$1   measurement\$1) AND transient AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 14:42

## EAST Search History (Prior Art)

S55	14	fault\$3 AND abnormal\$3 AND (test NEAR (pattern   criteri\$2   set   signature)) AND (points   data sets   measurements) AND transient AND current AND power supply AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 14:42
S56	0	fault\$3 AND (abnormal\$3   anomal\$3) AND (test NEAR (pattern   criteri\$2   set   signature)) AND (analysis NEAR (points   data sets   measurements)) AND current NEAR (transient NEAR power supply) AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 14:43
S57	0	fault\$3 AND (abnormal\$3   anomal\$3) AND (test NEAR (pattern   criteri\$2   set   signature)) AND (analysis NEAR (points   data sets   measurements)) AND (transient NEAR power supply NEAR current) AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 14:44
S58	0	fault\$3 AND (abnormal\$3   anomal\$3) AND (test NEAR (pattern   criteri\$2   set   signature)) AND (analysis NEAR (points   data sets   measurements)) AND (transient NEAR power supply NEAR current) AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 14:44
S59	0	(abnormal\$3   anomal\$3) AND (test NEAR (pattern   criteri\$2   set   signature)) AND (analysis NEAR (points   data sets   measurements)) AND (transient NEAR power supply NEAR current) AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 14:44

## EAST Search History (Prior Art)

S60	1	(abnormal\$3   anomal\$3) AND (test NEAR (pattern   criteri\$2   set   signature)) AND analysis AND (points   data sets   measurements) AND (transient NEAR power supply NEAR current) AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 14:44
S61	1	(abnormal\$3   anomal\$3) AND (test NEAR (pattern   criteri\$2   set   signature)) AND (points   data sets   measurements) AND (transient NEAR power supply NEAR current) AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 14:44
S62	2	(abnormal\$3   anomal\$3) AND (test NEAR (pattern   criteri\$2   set   signature)) AND (points   data sets   measurements) AND (transient SAME power supply current) AND analy\$4 AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 14:45
S63	4	"6215324".pn.   "4654582".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 15:12
S64	4	"5943346".pn.   "5864566".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 10:40
S65	2	"5025344".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 10:42

## EAST Search History (Prior Art)

S66	1	("DUT"   device under test) AND ("DDT"   "DD"   "IDDT") AND (abnormal\$3   anomal\$3) AND test\$3 AND transient AND current AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 11:07
S67	22	("DUT"   device under test) AND (abnormal\$3   anomal\$3) AND test\$3 AND transient AND current AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 11:08
S68	22	("DUT"   device under test) AND (abnormal\$3   anomal\$3) AND test\$3 AND ((transient AND current) OR (transient\$1 current)) AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 11:09
S69	2	"6169408".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 14:08
S70	2	"6043672".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 14:32
S71	2	"6717428".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 14:37
S72	2	"5483170".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 15:47

## EAST Search History (Prior Art)

S73	1088	power suppl\$3 AND test\$3 AND ((transient AND current) OR (transient\$1current)) AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/07 14:44
S74	502	pattern\$1 AND power suppl\$3 AND test\$3 AND ((transient AND current) OR (transient\$1current)) AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/07 14:44
S75	52	pattern\$1 AND power suppl\$3 AND test\$3 AND ((transient NEAR current) OR (transient\$1current)) AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/07 14:44
S76	43	fault AND power suppl\$3 AND (test\$3   pattern\$1   vector\$1) AND ((transient NEAR current) OR (transient\$1current)) AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/07 14:45
S77	46	fault\$3 AND power suppl\$3 AND (test\$3   pattern\$1   vector\$1) AND ((transient NEAR current) OR (transient\$1current)) AND ("IC" OR integrated circuit) AND ("713".clas. OR "726".clas. OR "380".clas.   "324".clas.   "326".clas.   "714".clas.   "73".clas.) AND (@pd<"20000404"   @ad<"20000404"   @prad<"20000404"   @rlad<"20000404")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/07 14:45